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AMENDMENTS TO THE CLAIMS:

Claim 1. (Currently amended) A rotation angle detecting device comprising:
a target comprising including a magnetic member connected integrally rotatably with a rotary member; and
a plurality of magnetic sensors arranged to face confront the magnetic member for outputting signals according to a rotation of the rotary member,
wherein the magnetic sensors respectively comprise ~~include~~ semiconductor MR elements, and at least some of the semiconductor MR elements are formed over and integrally with a common cell of a semiconductor wafer.

Claim 2. (Original) The rotation angle detecting device according to claim 1, wherein the semiconductor MR elements are arranged over the common cell and at circumferential positions different from each other with respect to the rotary member.

Claim 3. (Original) The rotation angle detecting device according to claim 1, wherein the semiconductor MR elements are fixed integrally to a substrate through an adhesive layer.

Claim 4. (Currently amended) A torque detecting device comprising:
a rotation member comprising: including
a first rotary shaft; and
a second rotary shaft connected coaxially to the first rotary shaft;

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rotation angle detecting devices provided to the first and second rotary shafts,
respectively, each of the rotation angle detecting devices ~~comprising~~ including,
a target ~~comprising~~ including a magnetic member connected integrally rotatably
with the corresponding first or second rotary shaft, and
a plurality of magnetic sensors arranged to face confront the magnetic member for
outputting signals according to a rotation of the corresponding first or second rotation shaft,
wherein the magnetic sensors respectively ~~comprise~~ include semiconductor MR
elements, and at least some of the semiconductor MR elements are formed over and integrally
with a common cell of a semiconductor wafer; and
a torque detecting unit for detecting a torque to be applied to the rotary member based on
signals outputted from the corresponding rotation angle detecting devices.

Claim 5. (Currently amended) The torque detecting device according to claim 4, wherein
all the magnetic sensors contained in the rotation angle detecting devices ~~comprise~~ are
~~constituted by using~~ semiconductor MR elements formed integrally over a common cell of a
semiconductor wafer.

Claim 6. (Canceled).

Claim 7. (Previously presented) The torque detecting device according to claim 4, wherein
the semiconductor MR elements of respective rotation angle detecting devices are arranged over

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a common cell and at axial positions different from each other with respect to the rotary member.

Claim 8. (Previously presented) The rotation angle detecting device according to claim 1, wherein all of the semiconductor MR elements in the rotation angle detecting device are formed over and integrally with a common cell of a semiconductor wafer.

Claim 9. (Previously presented) The torque detecting device according to claim 4, wherein the semiconductor MR elements of each rotation angle detecting device are arranged over a common cell and at circumferential positions different from each other with respect to the rotary member.

Claim 10. (Previously presented) The torque detecting device according to claim 4, wherein the semiconductor MR elements are fixed integrally to a substrate through an adhesive layer.

Claim 11. (Previously presented) The rotation angle detecting device according to claim 1, wherein the magnetic member comprises corrugations.

Claim 12. (Previously presented) The rotation angle detecting device according to claim 11, wherein said target comprises a plurality of said targets, each said target including a magnetic member comprising corrugations.

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Claim 13. (Previously presented) A rotation angle detecting device comprising:

a target including a magnetic member rotatable about an axis; and

a plurality of magnetic sensors arranged adjacent to the magnetic member for outputting signals according to a rotation of the magnetic member,

wherein the magnetic sensors respectively include semiconductor MR elements, and at least some of the semiconductor MR elements are formed over and integrally with a common cell of a semiconductor wafer.

Claim 14. (Previously presented) The rotation angle detecting device according to claim 13, wherein the semiconductor MR elements are arranged over the common cell and at circumferential positions different from each other with respect to the rotatable magnetic member.

Claim 15. (Previously presented) The rotation angle detecting device according to claim 13, wherein the semiconductor MR elements are fixed integrally to a substrate through an adhesive layer.

Claim 16. (Previously presented) The rotation angle detecting device according to claim 13, wherein all of the semiconductor MR elements in the rotation angle detecting device are formed over and integrally with a common cell of a semiconductor wafer.

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Claim 17. (Previously presented) The rotation angle detecting device according to claim 13, wherein the target is mounted on a steering shaft of a vehicle.

Claim 18. (Previously presented) The rotation angle detecting device according to claim 13, wherein the magnetic member comprises corrugations.

Claim 19. (Previously presented) The rotation angle detecting device according to claim 18, comprising a plurality of said targets, each said target including a magnetic member comprising corrugations.